

WHAT IS CLAIMED IS:

1. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein said sensor part has a sealed space sealed by a sealing part and a counter substrate.

2. An apparatus according to claim 1, wherein an inert gas is filled in said sealed space.

3. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein said sensor part is surrounded by at least one sealing part, and

a sealing part provided between said liquid crystal display part and said sensor part seals said liquid crystal and protects said sensor part.

4. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein a spacer is not present in said sensor part.

5. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part

comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein a color filter formed on a counter substrate of said sensor part has a cell size that is smaller than that formed on a counter substrate of said display part.

6. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein the thickness d_1 of a counter substrate of said sensor part is smaller than the thickness d_2 of a counter substrate of said liquid crystal display part.

7. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein the line width of a sealing part surrounding said sensor part is smaller than the line width of a sealing part surrounding said liquid crystal display part.

8. A liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

wherein a counter substrate of said liquid crystal display part is maintained at a constant substrate distance

by a sealing part and a spacer, and

a counter substrate of said sensor part is in close contact with said substrate by an adhesive.

9. A process for producing a liquid crystal display apparatus containing an image sensor, which comprises a liquid crystal display part comprising an active matrix circuit, a peripheral driver circuit for driving said active matrix circuit, and a sensor part, integrated on one substrate,

said process comprising in this order

a step of adhering a counter substrate of said liquid crystal display part,

a step of cutting said counter substrate of said liquid crystal display part, and

a step of adhering a counter substrate of said sensor part.